

CLAIM AMENDMENTS:

1. (Currently canceled) Please cancel Claims 1-5 without prejudice.
6. (Currently amended) ~~The method of claim 1, wherein the using the user specific context information further comprises:~~
A method comprising:
receiving digitized voice data from a user;
processing the voice data to determine one or more phrases recognized as the digitized
voice data provided by the user based on a currently active recognition grammar;
when more than one phrase is recognized as the digitized voice data provided by the user
as a result of voice-recognition uncertainty, using user-specific context
information to choose a recognized phrase from the one or more phrases
recognized as the digitized voice data;
selecting elements of uncertainty within the one or more recognized phrases;
selecting the user-specific context information from a database based on the elements of
uncertainty;
eliminating phrases within the one or more recognized phrased based on the user-specific
context information regarding the elements of uncertainty; and
selecting a final phrase as the recognized phrase once all other phrases within the one or
more recognized phrases are eliminated.
7. (Original) The method of claim 6, further comprising:
storing user context information contained in the database including e-mail information,
voice mail information, calendar information and location information.
8. (Currently canceled) Please cancel Claim 8 without prejudice.
9. The method of claim 68, wherein the using the user-specific context information
further comprises:
processing the voice data using an N-best speech recognition engine;

receiving the list of one or more phrases as N-phrases recognized as the voice data provided by the user including a confidence value associated with each of the N-phrases
selecting a phrase from the one or more recognized phrases having a lowest confidence value;
selecting elements of uncertainty between the phrase and the one or more recognized phrases;
selecting the user-specific context information from a database based on the elements of uncertainty;
eliminating the phrase when the user-specific context information regarding the elements of uncertainty validates the lowest confidence value of the phrase; and
repeating the selecting, selecting, selecting and eliminating steps until a final phrase is determined as the recognized phrase.

10. (Currently canceled) Please cancel Claims 10-14 without prejudice.

15. (Currently amended) ~~The computer readable storage medium of claim 10, wherein the instruction for using the user specific context information further comprises:~~
A computer readable storage medium including program instruction that directs a computer to function in a specified manner when executed by a processor, the program instructions comprising:
receiving digitized voice data from a user;
processing the voice data to determine one or more phrases recognized as the digitized voice data provided by the user based on a currently active recognition grammar;
when more than one phrase is recognized as the digitized voice data provided by the user as a result of voice recognition uncertainty, using user-specific context information to choose a recognized phrase from the one or more phrases recognized as the digitized voice data;
selecting elements of uncertainty within the one or more recognized phrases;
selecting the user-specific context information from a database based on the elements of uncertainty;

eliminating phrases within the one or more recognized phrases based on the user-specific context information regarding the elements of uncertainty; and
selecting a final phrase as the recognized phrase once all other phrases within the one or more recognized phrases are eliminated;

16. (Original) The computer readable storage medium of claim 15, further comprising an instruction for:
storing user context information contained in the database including e-mail information, voice mail information, calendar information and location information.

17. (Currently canceled) Please cancel Claim 17 without prejudice.

18. (Currently amended) The computer readable storage medium of claim ~~15~~⁴⁷, wherein the instruction for using the user-specific context information further comprises:
processing the voice data using an N-best speech recognition engine;
receiving the list of one or more phrases as N-phrases recognized as the voice data
provided by the user including a confidence value associated with each of the N-phrases;

selecting a phrase within the one or more recognized phrases having a lowest confidence value;

selecting elements of uncertainty between the phrase and the one or more recognized phrases;

selecting the user context information regarding the user from a database based on the elements of uncertainty;

eliminating the phrase when the user-specific context information regarding the elements of uncertainty validates the lowest confidence value of the phrase; and

repeating the selecting, selecting and eliminating steps until a final phrase is determined as the recognized phrase.

19. (Currently canceled) Please cancel Claims 19-25 without prejudice.

26. (Currently amended) ~~The system of claim 25, wherein the user context natural language processor~~

A voice recognition system comprising:

a voice recognition engine processes the voice data to determine one or more phrases recognized as the digitized voice data provided by the user based on a currently active recognition grammar;

a database containing user context information;

a user context natural language processor having a capability to select user-specific context information from a PIM database and use the user-specific context information to choose a recognized phrase from the one or more phrases recognized as the voice data when the voice recognition engine recognizes more than one phrase as the voice data provided by the user, the user context natural language processor further capable of selectsing a phrase within the one or more recognized phrases having a lowest confidence value, selectsing conflicting elements between the phrase and the one or more recognized phrases, selectsing the user context information regarding the user from a database based on the conflicting elements, eliminatesing the phrase when the user context information regarding the conflict elements validates the lowest confidence value of the phrase; and repeatsing the select, select and eliminate operations until a final phrase is determined as the recognized phrase; and

an N-best speech recognition engine and generates N-phrases recognized as the voice data including a confidence value associated with each of the N-phrases as the list of one or more phrases recognized as the voice data provided by the user